

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 06-Mar-2001		4. REQUISITION/PURCHASE REQ. NO. W26GLG-1025-0719		5. PROJECT NO.(If applicable)	
6. ISSUED BY CONTRACTING DIVISION US ARMY ENGR DIST NORFOLK ATTN: CENAO-CT 803 FRONT STREET NORFOLK VA 23510-1096		CODE DACA65		7. ADMINISTERED BY (If other than item 6)		CODE	
				See Item 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. DACA65-01-R-0006	
				X		9B. DATED (SEE ITEM 11) 20-Feb-2001	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) AMENDMENT NO. 0001 to DACA65-01-R-0006							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 06-Mar-2001	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

1. SECTION 00010, DELETE Bidding Schedule and REPLACE with the attached schedule.
2. SECTION 00800, Paragraph entitled, Department of Labor Decision, DELETE Wage Decision and REPLACE with VA010047, Modification 0 dated 3/2//01.
3. Technical specifications are amended. Make appropriate changes in accordance with the attached.
4. Questions and answers that have been received are hereby attached.

**SECTION 00010
PRICING PROPOSAL SCHEDULE**

SCHEDULE I - BASE PROPOSAL.

The contractor shall furnish all plant, labor, material, equipment, etc. Necessary to perform all work in strict accordance with the terms and conditions set forth in the contract to include all attachments thereto. Total proposal and price breakdown information is shown below:

ITEM NO.	ITEM	LUMP SUM (\$)
0001	For the design and construction of 51 family housing units.	
0001AA	All construction work on the 51 new housing units in Item 0001 within the five (5) foot line (includes all work inside of a line drawn at a perpendicular distance of five feet outside of the exterior face of foundation walls).	\$
0001AB	All construction work outside the five (5) foot line, excluding Items 0001AC, 0001AD, 0001AE, 0001AF, 0001AG, and 0001AH	\$
0001AC	All costs in connection with bituminous pavement, complete, including compacted subgrade, aggregate base course, and all work incidental thereto as shown on the drawings and specified. _____ sq yards @ \$_____ per sq yard	\$
0001AD	Overlay pavement, including prime coat and bituminous surfacing. _____ sq yards @ \$_____ per sq yard	\$
0001AE	Design work for all items (construct 51 family housing units, and all other features required by the RFP).	\$
0001AF	Demolition of existing housing units and associated site improvements. (65 Housing Units in Townhouse Configurations)	\$
0001AG	Construction of Play Lot, complete, including, all work incidental thereto as required by the statement of work. (Total for 1)	\$
0001AH	Construction of Basketball Court, complete, including all work incidental thereto as required by the statement of work. (Total for 1)	\$
0002	For the design and construction of the upgrades to the GOQ Porch as indicated in this solicitation.	\$
	TOTAL (Items 0001AA through 0001AH and Item (II))	\$

3 CERTIFICATION.

The undersigned certifies that all items submitted in the proposal and in 100 percent complete design documents (after contract award) will comply with the statement of work requirements and applicable technical specifications.

Typed Name and Title with Authorized Signature

4. NOTES.

a. The Army will procure this housing through a design and cost competition in accordance with the provisions set forth in this Request for Proposals (RFP). When a contract is awarded, it will be a "Firm Fixed Price Contract."

b. The Congress, in authorizing and funding this contract, has established certain cost limitations for the project. The current authorization for the complete design and construction of this project is \$ 8,139,000.00. **Proposals that exceed this funding limit for the BASE PROPOSAL will be rejected. Submission of desirable alternative features exceeding minimum requirements will be considered as long as award can be made within the established funds.**

c. Any proposal which is materially unbalanced as to prices for Schedule I may be rejected as nonresponsive. An unbalanced proposal is one which is based on prices significantly less than cost for some work and prices which are significantly overstated for other work and can also exist where only overpricing or underpricing exists.

d. Failure to insert prices for each item in the Schedule I, Base Proposal will cause the proposal to be considered nonresponsive.

--End of Section--



General Decision Number VA010047

General Decision Number VA010047

Superseded General Decision No. **VA000047**

State: Virginia

Construction Type:

RESIDENTIAL

County(ies):

ALBEMARLE	DINWIDDIE	HOPEWELL*
CHARLES CITY	FLUVANNA	NEW KENT
CHARLOTTESVILLE*	GOOCHLAND	PETERSBURG*
CHESTERFIELD	GREENE	POWHATAN
COLONIAL HEIGHTS*	HANOVER	PRINCE GEORGE

*INDEPENDENT CITIES

RESIDENTIAL CONSTRUCTION PROJECTS consisting of single family homes and garden type apartments up to and including 4 stories.

Modification Number Publication Date

0 03/02/2001

COUNTY(ies):

ALBEMARLE	DINWIDDIE	HOPEWELL*
CHARLES CITY	FLUVANNA	NEW KENT
CHARLOTTESVILLE*	GOOCHLAND	PETERSBURG*
CHESTERFIELD	GREENE	POWHATAN
COLONIAL HEIGHTS*	HANOVER	PRINCE GEORGE

ELEC0666B 12/01/1998

	Rates	Fringes
ELECTRICIANS	12.87	2.93+10.75%

SUVA4027A 09/01/1990

	Rates	Fringes
BRICKLAYERS	13.50	
CARPENTERS (Including Batt Insulation)	9.79	
CEMENT MASONS	12.00	
LABORERS (Including Mason Tenders, Brick)	6.35	
PAINTERS:		
Brush and Roller	8.10	
Spray	12.50	
PLUMBERS	10.04	
POWER EQUIPMENT OPERATORS:		
Backhoes	8.53	.80
Bulldozers	8.53	.80
Loaders	8.53	.80
ROOFERS	7.91	
SHEET METAL WORKERS	11.03	
TRUCK DRIVERS	7.00	.77
WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.		

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION



AMENDMENT TO: Request for Proposal No. DACA65-01-R-0006
Design/Construct Whole Neighborhood Replacement, Harrison Villa IV, Ft Lee, Va.
PN: 53325
Dated: February 20, 2001

This amendment is a part of the Solicitation.

A. Statement of Work:

1. Delete Paragraph 1.k.(1).(e) and replace with the following:

“1.k.(1).(e) Demolition of the following housing units at Harrison Villa:
Building 445, Building 446, Building 447, Building 448, Building 450, Building 452,
Building 453, Building 454, Building 455, Building 457”

2. Paragraph 1.a.(4): Line 16, delete “62” and replace with “65”.

3. Paragraph 1.o: Add the following information

“Fence shall be constructed of pressure treated lumber with a scalloped top along it’s length.”

4. Paragraph 3.d.(3).(a): Delete this paragraph and replace with the following:

“3.d.(3).(a) The maximum slope within 25 feet of any building shall be 4:1. The top or toe of the maximum slope must be at least 25 feet from any building. Flatter slopes closer to the building are acceptable, however, proposers are reminded that grading plans are an evaluation item.”

5. Paragraph 4.c.(2): Delete the last sentence and replace with the following:

“Sewer laterals serving one or two housing units shall be a minimum of 4 inches in diameter. Laterals serving three or more units shall be a minimum of 6 inches in diameter.”

6. Paragraph 4.i.(1): Delete this paragraph and replace with the following:

“New master meters for water and gas shall be provided as indicated on the drawings. Meters shall be equipped with electronic or radio frequency transmitters for remote monitoring compatible with the existing services at Ft Lee, Va.”

7. Paragraph 4.i.(3): Delete the first sentence and replace with the following:

“Provide for individual housing unit metering devices.”

8. Paragraph 5.t.(3): Line 3, delete “4 sones” and replace with “6 sones”.

9. Paragraph 7.b.(1): Delete this paragraph and replace with the following:

“7.b.(1). Characteristics. Thermal insulation shall have a flame-spread rating of 25 or less and a smoke-development rating of 50 or less, exclusive of the vapor barrier, when tested in accordance with ASTM E84. A vapor barrier shall be provided on the warm-in-winter side of exterior wall and ceiling insulation. Polyurethane is allowed as an insulation material for slabs and outside concrete or unit masonry walls. It is prohibited as an injected insulation material in walls or floor cavities or within the building envelope.”

10. Paragraph 8.d.(1).(d): Delete this paragraph and replace with the following:

"8.d.(1).(d). Piping shall be concealed. Individual shutoff or stop valves shall be provided on water supply lines to all plumbing fixtures except bathtubs and showers. In multi-story units, additional consideration shall be given in the technical evaluation to designs which provide separate shutoff valves for each floor."

11. Paragraph 10.d.(3): Delete this paragraph and replace with the following:

"10.d.(3). Ductwork. Ductwork shall be externally insulated sheet metal or flexible metal. Length of flexible duct shall be limited to 1.8 m [6 ft]. Flexible ductwork shall not be spliced or joined and shall be a single continuous piece from diffuser boot to trunk/branch duct. Systems composed entirely of flexible ductwork with distribution boxes are prohibited. Sub-slab, intra-slab, or crawlspace ductwork is also prohibited. No portion of the building construction (such as joist space in a floor or ceiling, wall stud space, etc.) shall be used as a duct. The requirements for ductwork set forth below apply to all ductwork installed in the housing unit, supply systems, return systems, exhaust systems, ventilation systems, and outside air supply ductwork."

12. Paragraph 10.c.(1): Delete this paragraph and replace with the following:

"10.c.(1). Equipment sizes selected for installation shall not oversized more than 125 percent of the calculated loads unless the furnace required to provide adequate cfm for the cooling requirements exceeds this limit."

13. Paragraph 10.d.(1): Delete the third sentence and replace with the following:

"Diffusers shall have louvered faces with individually adjustable or fixed blades and shall be provided with suitable dampers."

14. Paragraph 10.g: Line 3, delete "AMCA 210" and replace with "Home Ventilating Institute".

15. Paragraph 3.f.(1).(b).1/ : Delete this paragraph and replace with the following:

"3.f.(1).(b).1/ Where cul-de-sacs are provided with center islands, the center islands shall be landscaped. Center islands which are "grassed" with native grasses to present a "meadow" like appearance are considered to be a minimum level of compliance. Additional consideration will be given during the proposal evaluation for use of "colored" or "dyed" mulch and the provision of shrubs, bushes, and plantings in these islands which provide the areas with distinctive colorful patterns."

B. Section 0110

1. Paragraph 2.g.(1): Add the following sentence:

"For site drawing information scales 1"=100' or 1"=50' may be utilized by the proposers for proposal submittal information."

PRE-PROPOSAL QUESTIONS
Whole Neighborhood Replacement
Sol. DACA65-01-R-0006
HARRISON VILLA IV, Ft. Lee, VA
Our Job No.: 1485

Emailed: 2/27/01

1.	Section 00110	Pg. 4	¶2.00g.(1)	Subject: Drawings
	<p>Is the scale indicated for site drawings mandatory? Can 100 scale and 50 scale be used in lieu of 80 scale and 40 scale?</p> <p><i>Response: Will amend Solicitation to provide more flexibility in scale requirements.</i></p>			
2.	Section: S.O.W.	Pg. 6	¶1.k.(1) (e)	Subject: Demolition Buildings
	<p>Please verify the buildings to be demolished. This list does not match Sheet SP-1 of the RFP drawings.</p> <p><i>Response: Will check and correct by amendment as required.</i></p>			
3.	Section: S.O.W.	Pg. 7	¶1.o	Subject: Privacy Fence
	<p>Please provide a description or details of the required privacy fence.</p> <p><i>Response: Will add some additional information by amendment.</i></p>			
4.	Section: S.O.W.	Pg. 20	¶3.d.(3) (a)	Subject: Slopes
	<p>Are slopes steeper than 4:1 allowed if they are greater than 25' from a building? Can slopes flatter than 4:1 be located closer than 25' from a building?</p> <p><i>Response: Will revise requirements by Amendment to match previous phases.</i></p>			
5.	Section: S.O.W.	Pg. 29	¶4.c.(2)	Subject: Sewer Laterals
	<p>Please confirm the requirement for 6" laterals for one or two housing units. Previous phases have allowed 4" laterals for duplex buildings.</p> <p><i>Response: Will revise requirements by Amendment to match previous phases.</i></p>			
6.	Section: S.O.W.	Pg. 33	¶4.i.(1)	Subject: Master Meter
	<p>This paragraph states that no new master meters are required, yet Sheet UT-1 of the RFP drawings requires a new water master meter and a new gas master meter. Please clarify requirements.</p> <p><i>Response: Will revise SOW by Amendment.</i></p>			

PRE-PROPOSAL QUESTIONS
Whole Neighborhood Replacement
Sol. DACA65-01-R-0006
HARRISON VILLA IV, Ft. Lee, VA
Our Job No.: 1485

Additional Questions
Emailed 2/28/01

7.	Section: S.O.W. Pg. 34 ¶4.i.(3) Subject: Gas Metering Please confirm that individual gas meters are not required. Previous phases have required individual gas and water meters. <i>Response: Individual gas meters are required. Amendment will clarify.</i>
8.	Section: S.O.W. Pg. 51 ¶6.0 Subject: Code Edition Please specify which edition of the CABO is to be used. <i>Response: The edition current when this project is awarded.</i>
9.	Section: S.O.W. Pg. 51 ¶6.a Subject: Wind Speed According to ASCE-93, the site is approximately in 70 MPH wind Speed Zone. Please confirm or advise otherwise. <i>Response: ASCE-93 is not a referenced standard. Wind Speed Zone shall be taken from the Current edition of the One and Two Family Dwelling Code.</i>

PRE-PROPOSAL QUESTIONS
Whole Neighborhood Replacement
Sol. DACA65-01-R-0006
HARRISON VILLA IV, Ft. Lee, VA
Our Job No.: 1485

Additional Questions

2nd Email 2/28/01

1.	<p>Section: S.O.W. Pg. 21 ¶3.F.(1)(b).1 Subject: Discourages Grassed Cul-de -sac Islands.</p> <p>Does this refer to not using lawn or does it also include unmowed/native grass species that create a meadow appearance? If no grass species is acceptable, can this area be mulched and planted as a natural grove?</p> <p><i>Response: A minimum level of compliance would include native grass species to create a meadow like appearance. Additional consideration during the quality evaluation will be given to proposals which include mulched areas which include shrubs, bushes, and plantings. Colored or Dyed mulch would be preferred.</i></p>
2.	<p>Design Guide, Attachment 18 Subject: Plant List</p> <p>Lagerstroemia (Crepe Myrtle) is not on the plant list, but provides a very attractive flowering tree. Can Lagerstroemia be used on this project?</p> <p><i>Response: No. A plant with similar flowering characteristics in spring and grow to approximately same height and spread would be desirable.</i></p>

PRE-PROPOSAL QUESTIONS
Whole Neighborhood Replacement
Sol. DACA65-01-R-0006
HARRISON VILLA IV, Ft. Lee, VA
Our Job No.: 1485

Additional Questions from Nibecker
Emailed: 3/1/01

12.	Section: S.O.W. Pg4 ¶1.b.(3).(g) Subject: Energy Star Requirements
	<p>Please provide the listed Energy Star compliance documents: (1) residential energy efficiency specifications and quality control confirmation of U.S. Army Corps of Engineers TI 801-02, Family Housing, dd-MM-yy 02 Oct 2000, (2) "checklist" of home specifications.</p> <p><i>Response: The checklist will be utilized by the Corps Quality Assurance personnel in overseeing the construction of these units. It does not represent any additional work for the contractor. A copy of the standard checklist is attached to these responses to questions for information purposed.</i></p>
13.	Section: S.O.W. Pg. 50 ¶5.t.(3), 10.g Subject: Range Hood Exhaust Sound
	<p>Two RFP sections conflict. Section 5.t.(3) requires 4 sone maximum sound level. Section 10.g requires 6 sone maximum sound level. I do not know of any manufactured range hoods that meet the 4 sone requirement. Please delete 4 sone requirement and leave the typical specification of 6 sone maximum sound level.</p> <p><i>Response: Paragraph 5.t.(3) will be corrected to reflect a 6 sone maximum sound level.</i></p>
14.	Section: S.O.W. Pg.53 ¶7.b.(1) Subject: Vapor Barrier
	<p>We agree that a vapor barrier should not be used in a humid climate due to excessive moisture buildup and eventual mold development. Table 10-1 states cooling design ambient conditions at 95 deg. F dry bulb and 76 deg. F wet bulb which seems very humid. We recommend that the requirement for vapor barrier be deleted.</p> <p><i>Response: Vapor barriers are not required in humid areas.</i></p>
15.	Section: S.O.W. Pg. 55 ¶8.d.(1).(d) Subject: Shutoff Valve
	<p>Typical residential construction does not include bathroom group shutoff valves. Group shutoff valves are used in commercial construction to isolate tenant suites within a building. In residential construction, tubs and showers are serviced with the housing unit shutoff valve.</p> <p><i>Response: Will edit the SOW to delete this requirement.</i></p>

16.	<p>Section: S.O.W. Pg. 60, 63 ¶10.a.(2), 10.d.(3) Subject: Balancing Dampers</p> <p>Typical residential construction does not include volume dampers at each branch take-off. Manual volume dampers on branch run-outs to registers are used in commercial construction. In residential construction, air flows are attained by adjusting the integral volume damper at each register.</p> <p><i>Response: The designer shall indicate if and where balancing dampers are required within the ductwork systems. The successful contractor will be responsible for ensuring adequate balancing capability in each system based on the design presented and constructed. The specific requirement for volume dampers at each branch take-off will be clarified.</i></p>
17.	<p>Section: S.O.W. Pg. 49, 50 ¶5.t.(1), 5.t.(5) Subject: Energy Star Appliances</p> <p>Compliance with the energy star program is achieved by evaluating the space cooling system, space heating system and water heating system in order to determine if a residence is 30% more energy efficient than the model energy code. The evaluation of appliances and lighting is specifically excluded from energy star compliance. We recommend that the requirement for energy star rated appliances (refrigerators and dishwashers) be deleted, since they are not required for compliance with the energy star program.</p> <p><i>Response: SOW requirements will remain as indicated with respect to these appliances.</i></p>
18.	<p>Section: S.O.W. Pg. 61, 62 ¶10.c.(1), 10.c.(5).(a) Subject: HVAC Equipment Sizing</p> <p>We agree with cooling equipment sizing criteria of 115% maximum of load, since it is important that cooling equipment not short cycle, especially in a humid climate. However, we disagree with the heating equipment sizing criteria of 125% maximum of load, since the cooling air flow will determine the necessary furnace fan size to achieve that air flow. Once the required furnace fan size is determined, then the available heating capacities in that fan size can be researched in order to select the closest capacity match. Often, the furnace heating capacity can exceed 125% of load because the required fan size for cooling air flow is not available with heating lower capacities. We recommend that the requirement be changed to furnace selection by matching the required cooling airflow at design static pressure conditions, with the closest available heating capacity to match load.</p> <p><i>Response: Will clarify the intent of this requirement by amendment.</i></p>

19.	Section: S.O.W. Pg. 63 ¶10.d.(1) Subject: Supply Diffusers
	<p>Section calls for diffusers with individually adjustable blades and integral opposed blade damper. We recommend not using adjustable blades because they can break easily and will be a maintenance problem. Also, opposed blade dampers are used in commercial construction. I recommend the stamped straight blade supply diffuser with integral multi-louver damper that is typically used for residential construction.</p> <p><i>Response: Will clarify by amendment.</i></p>
20.	Section: S.O.W. Pg. 64 ¶10.e Subject: Thermostat
	<p>Section requires thermostat mounting height at approximately 5'0" above finished floor. For handicap accessible housing units, ADA requires 4'0" maximum mounting height.</p> <p><i>Response: For Accessible Units the 4'-0" mounting height is correct.</i></p>
21.	Section: S.O.W. Pg.64 ¶10.g Subject: Exhaust Fans
	<p>This section requires that exhaust fans conform to AMCA 210 and have a 2.0 sone maximum sound level. I cannot find a single exhaust fan that is AMCA 210 rated for 2 sones or less. Even the Broan Lo-sone fan series does not meet the 2.0 sone requirement at AMCA test conditions. I recommend that the requirement be changed to conformance with the Home Ventilating Institute (HVI), which is a division of AMCA. The only difference is that HVI rates fans at 0.1 IWG and AMCA rates fans at 0.0 IWG. The HVI standard is more widely used and allows for a much larger selection of fans. Also, range hoods are tested by HVI standards, not AMCA standards</p> <p><i>Response: Will revise paragraph by amendment to clarify ratings requirements.</i></p>
22.	Section: S.O.W. Pg.65 ¶10.m Subject: Active Ventilation System
	<p>This section requires a central bathroom exhaust fan, which is in conflict with Section 10.g covering individual bathroom exhaust fans. Please clarify which type you want. If central exhaust systems are required, then I suggest that two story housing units use a central exhaust fan for the second story bathrooms and a individual exhaust fan for the isolated first floor powder room.</p> <p><i>Response: A central exhaust system for the bathroom exhausts is a requirement for this solicitation.</i></p>

23.	<p data-bbox="345 226 1336 289">Section: S.O.W. Pg. 14¶2.e.(16), 2.e.(21), 2.e.(24) Subject: Mechanical Code Requirement</p> <p data-bbox="345 317 1468 438">Please specifically state the mechanical code(s) and edition year for this project. Nothing was listed in the mechanical section. The closest we came to finding a possible code were the BOCA building code, ICBO building code and national standard plumbing code listed in the Criteria References section of the RFP.</p> <p data-bbox="345 499 1468 562"><i>Response: The codes in force when the project is awarded represent the edition year for compliance.</i></p>
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**QUALITY ASSURANCE CHECKLIST
COMPLIANCE WITH ENERGY STAR HOMES PROGRAM INITIATIVES
ALL WEATHER REGIONS**

PROJECT: _____

LOCATION: _____

UNIT TYPE TESTED AND ADDRESS: _____

CONSTRUCTING CONTRACTOR: _____

Component or Construction	Visual Inspection Requirement	Verified	Date	Initials
Exterior Wall Insulation	Verify installed exterior wall (including rim joists), is properly installed. List overall wall insulation level below: Opaque Wall Insulation R= _____			
Attic Insulation	Verify installed attic insulation is properly installed. List overall wall insulation level below: Attic Insulation R= _____			
Basement Insulation	Verify installed basement wall insulation is properly installed. List overall wall insulation level below: Wall Insulation R= _____			
Floor Above Unconditioned Spaces	Verify installed insulation is properly installed. List overall wall insulation level below: Floor Insulation R= _____			
Infiltration	Verify all seams, joints, and penetrations are sealed or foamed and record the results of the blower door test here. Blower Door Test Result: _____ ACH			

Component or Construction	Visual Inspection Requirement	Verified	Date	Initials
Window Performance	<p>Verify installed windows have a U-Value as required and meet the water penetration and air leakage requirements set forth in the solicitation.</p> <p>Window U-Value = _____</p>			
Exterior Doors	<p>Verify that the installed exterior doors have a U Value in accordance with the solicitation.</p> <p>Exterior Door U-Value = _____</p>			
Thermostat	<p>Verify that the thermostat is installed properly and programmed for operation.</p>			
Heating Equipment	<p>Verify installed furnace [boiler] has an efficiency which meets or exceeds the requirements of the solicitation.</p> <p>Furnace/Boiler AFUE = _____</p>			
Cooling Equipment	<p>Verify installed cooling systems have efficiency ratings which meets or exceeds the requirements of the solicitation.</p> <p>Air Conditioning System SEER = _____</p>			
Ventilation Systems	<p>Verify ventilation systems are installed and active.</p>			
Ductwork	<p>Verify ductwork installed in accordance with the solicitation requirements. Indicate results of the prototype housing unit duct testing below:</p>			
Duct Insulation	<p>Verify duct insulation has been installed in accordance with the solicitation requirements. Verify installed insulation is free of rips, tears, or other improper installations.</p>			

Component or Construction	Visual Inspection Requirement	Verified	Date	Initials
Domestic Water Heater	Verify Domestic Hot Water Heater has an efficiency in accordance with the solicitation requirements and that the insulation blanket is undamaged where required.			
Residential Appliances	Verify that the installed dishwasher and refrigerator are Energy Star rated appliances.			

Construction Contractor's Quality Control Representative:

Printed Name

Signature

Government Quality Assurance Representative:

Printed Name

Signature